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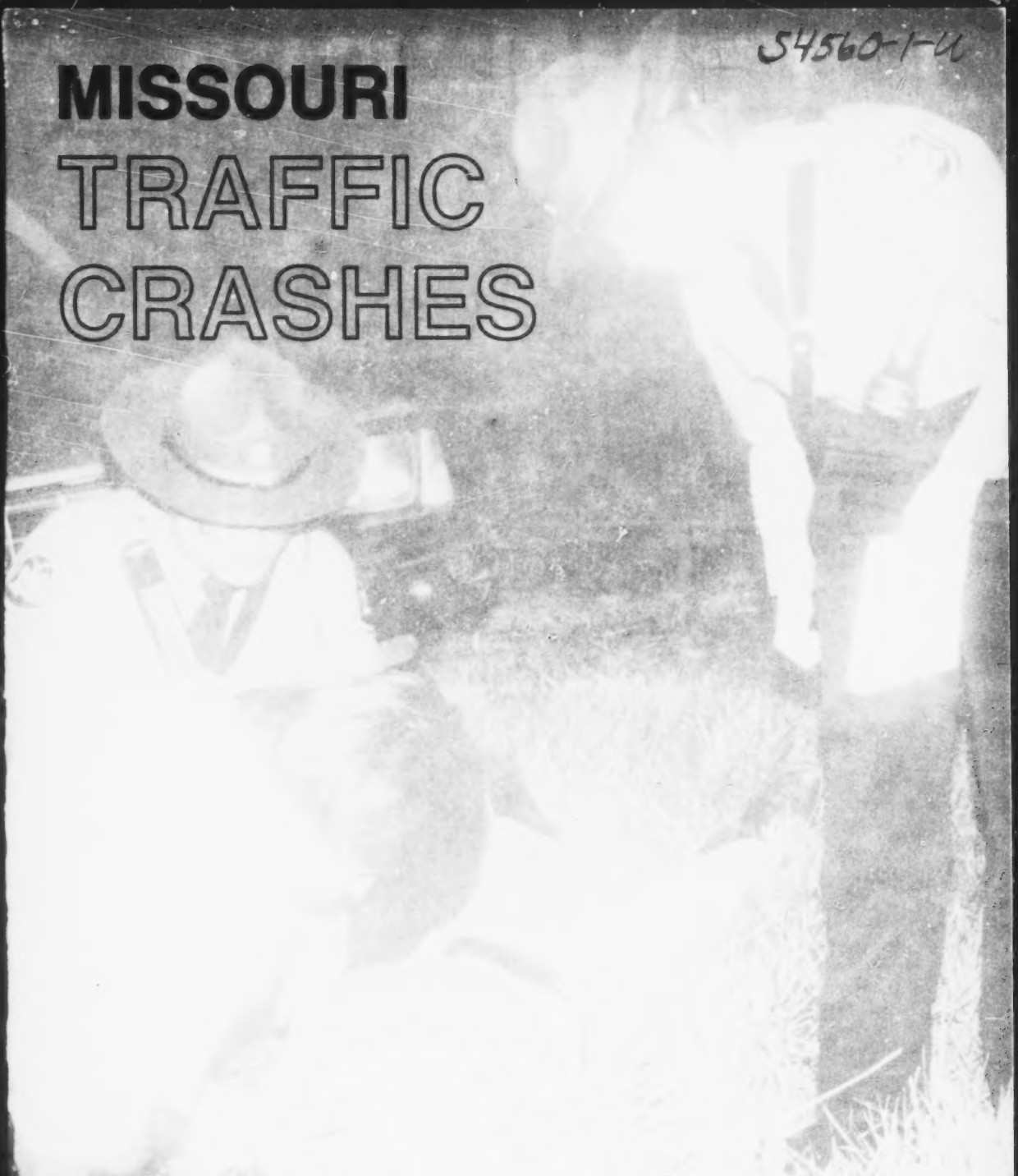
MISSOURI TRAFFIC CRASHES



1987 Edition

Department of Public Safety
Missouri State Highway Patrol

INTRODUCTION

This booklet is published by the Missouri State Highway Patrol as an aid to persons who are interested in the traffic accident problem in Missouri. It contains information which provides for a comprehensive look at the Statewide accident problems as experienced in 1986.

The Missouri State Highway Patrol is the central traffic accident data collection agency for the State of Missouri. Data on both rural and urban traffic crashes is made available to this agency. Law enforcement agencies throughout the State provide the Highway Patrol with copies of their accident reports. All reports of traffic accidents including those investigated by the Missouri State Highway Patrol are tabulated and analyzed by this agency. It is thus due, in part, to the continued cooperation of these law enforcement agencies that a meaningful picture of the Statewide accident experience is available to interested persons.

Missouri recorded more than 1,000 traffic deaths in 1986 - the first time this has occurred in five years. A total of 1,143 persons lost their lives on the State's streets and highways in 1986. This is an increase of 20 percent from the number of traffic deaths recorded in 1985 when the toll was 948. At the same time, there were fewer statewide accidents in 1986 than in the previous year. Why then the increase in the traffic death toll? There is no clear-cut explanation, however, the driver who is not alert has become a major problem since inattention has been identified as the leading contributing circumstance in fatal accidents over the past three years (in 32.3 percent of rural, 38.9 percent of urban fatal accidents, and 26.4 percent of tractor-trailer accidents). Another significant factor is that there were more multiple death accidents during 1986 than in previous years. Studies show that in 1986, for example, there were 104 accidents in which two or more persons were killed, while in 1985, there were 86 multiple death crashes recorded in Missouri.

With these grim statistics in mind, all who work in traffic safety must accelerate their efforts toward the saving of lives. The new 65 mile per hour speed limit on rural interstate highways will make this a formidable challenge. It can be done, however, by effective traffic law enforcement and by implementing substantive highway safety programs.

It is hoped that the information in this booklet will be of value to you. Certainly it is the most comprehensive look available of the accident problem in Missouri.

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Nationwide

Traffic Accidents

	1985	1986
KILLED	45,700	47,800
INJURED(Est.)	1,700,000	1,800,000
COST(Economic Loss)	$50,000,000,000	$55,200,000,000
DEATHS PER 100 MILLION MILES	2.6	2.6
VEHICLE REGISTRATION	175,700,000	181,900,000

Missouri

Traffic Crash Statistics

	1985	1986
KILLED	948	1,143
INJURED (includes pos. injury)	66,945	69,445
ECONOMIC LOSS	$906,980,000	$1,100,070,000
LICENSED DRIVERS(Approx.)	3,415,014	3,436,028
MOTOR VEHICLES REGISTERED	4,040,052	4,479,080
MILES OF TRAVEL	39,286,000,000	41,572,000,000
DEATHS PER 100 MILLION MILES	2.41	2.74

STATEWIDE TRAFFIC ACCIDENTS IN MISSOURI

STATEWIDE ACCIDENTS

TYPE OF ACCIDENT	FATAL	INJURY	PROP. DAMAGE	TOTAL	%
OVERTURNING	98	2,281	1,705	4,084	2.4
OTHER NON-COLLISION	9	411	1,061	1,481	0.9
PEDESTRIAN	101	2,006	21	2,128	1.3
MOTOR VEHICLE IN TRANSPORT	381	28,144	81,785	110,310	65.4
MOTOR VEHICLE ON OTHER ROADWAY	6	151	412	569	0.3
PARKED MOTOR VEHICLE	11	1,584	16,043	17,638	10.4
RAILWAY TRAIN	16	62	74	152	0.1
PEDALCYCLIST	9	1,176	178	1,363	0.8
ANIMAL	3	204	3,705	3,912	2.3
FIXED OBJECT	348	9,643	16,244	26,235	15.6
OTHER OBJECT	2	112	736	850	0.5
TOTAL	984	45,774	121,964	168,722	
PERCENTAGE	0.58	27.13	72.29	100.0	100.0

*THE TYPE OF ACCIDENT IS DETERMINED BY THE FIRST HARMFUL EVENT

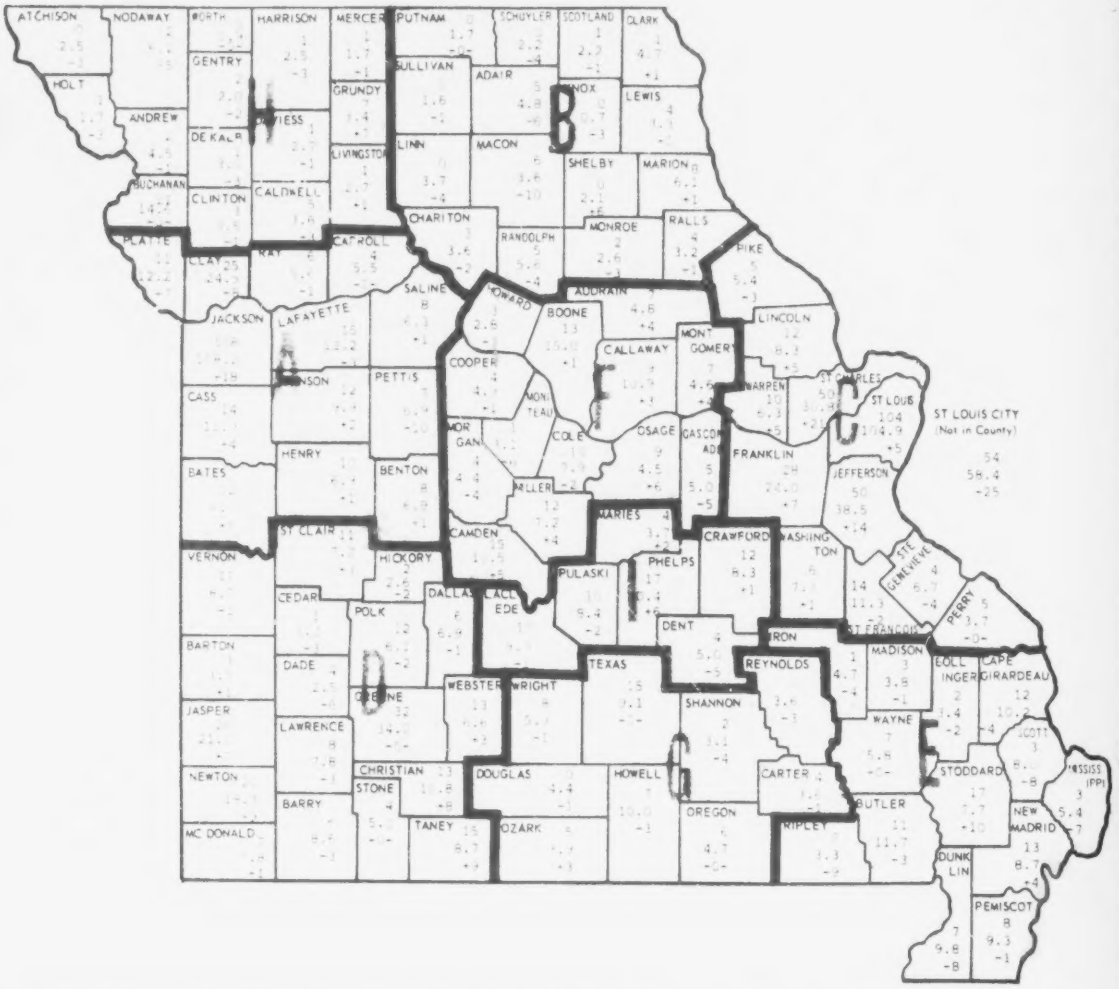
PERSONS INVOLVED

TYPE OF ACCIDENT	KILLED	INJURED	TOTAL	%
OVERTURNING	103	3,202	3,305	4.7
OTHER NON-COLLISION	9	492	501	.7
PEDESTRIAN	102	2,129	2,231	3.2
MOTOR VEHICLE IN TRANSPORT	467	46,329	46,796	66.3
MOTOR VEHICLE ON OTHER ROADWAY	10	292	302	.4
PARKED MOTOR VEHICLE	11	2,046	2,057	2.9
RAILWAY TRAIN	22	81	103	.2
PEDALCYCLIST	9	1,219	1,228	1.7
ANIMAL	3	295	298	.4
FIXED OBJECT	405	13,214	13,619	19.3
OTHER OBJECT	2	146	148	.2
TOTAL	1,143	69,445	70,588	100.0

*THE TYPE OF ACCIDENT IS DETERMINED BY THE FIRST HARMFUL EVENT

Missouri

TRAFFIC CRASH STATISTICS



STATE-WIDE TRAFFIC DEATHS BY COUNTY - The numbers on this map include both rural and urban traffic deaths for each county and the City of St. Louis. The City of St. Louis is carried separately because it is not located within a county.

The first figure in each county represents the total deaths during 1986. The second figure (the figure with the decimal point) represents the average deaths per year for the last ten years. By removing the decimal point, the number represents the total deaths for a 10-year period. The third figure indicates the increase or decrease of traffic fatalities in each county from the year 1985 to 1986. If there is no change it will be indicated by a -0-.

For example: Atchison, the topmost, western county, shows that 0 persons were killed last year. There has been an average of 2.5 persons killed each year for the last 10 years or a total of 25 over the 10-year period.

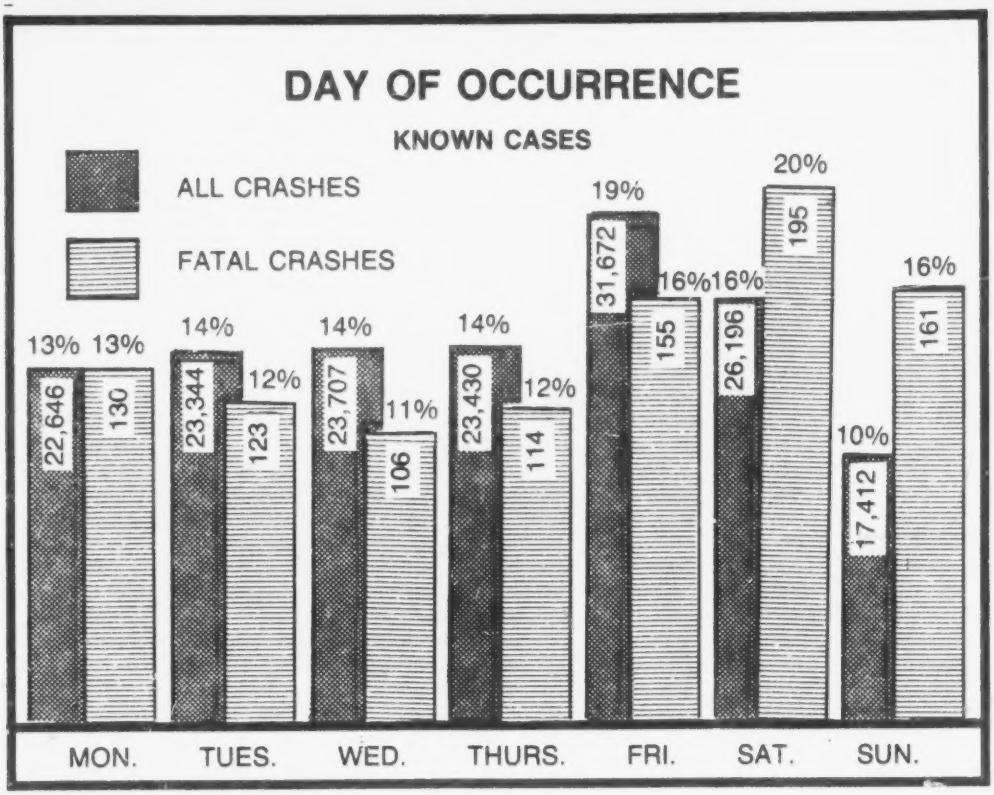
STATEWIDE TRAFFIC DEATHS BY MONTH

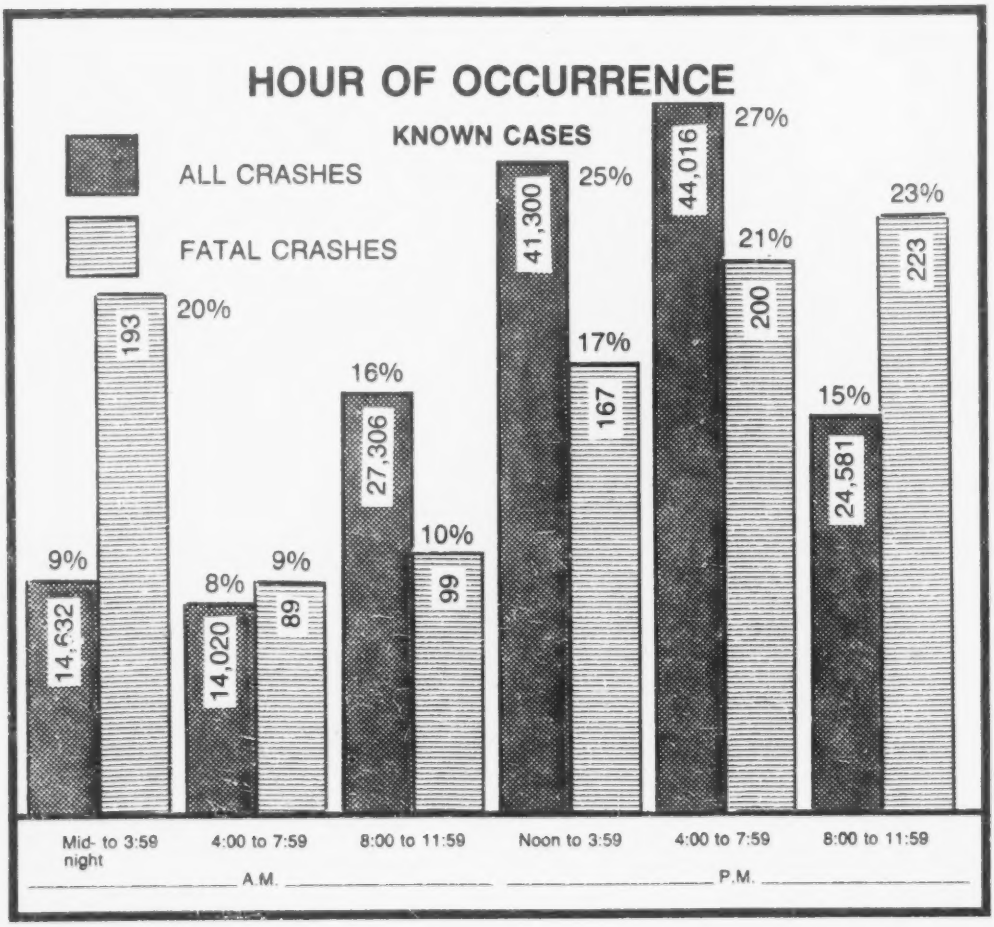
	1985			1986		
	RURAL	URBAN	TOTAL	RURAL	URBAN	TOTAL
January	47	20	67	56	21	77
February	32	13	45	40	14	54
March	40	32	72	64	15	79
April	49	23	72	79	26	105
May	67	21	88	72	30	102
June	49	22	71	85	32	117
July	75	25	100	87	30	117
August	68	31	99	87	28	115
September	59	22	81	79	24	103
October	65	30	95	64	26	90
November	63	23	86	66	25	91
December	51	21	72	61	32	93
TOTAL	665	283	948	840	303	1,143

MISSOURI'S TRAFFIC FATALITY DEATH RATE
(per 100 million miles of travel)

YEAR	DEATH RATE	NUMBER KILLED
1955	6.1	1,071
1956	6.4	1,132
1957	5.5	996
1958	5.3	978
1959	5.1	990
1960	5.3	1,048
1961	4.6	934
1962	5.0	1,018
1963	5.5	1,168
1964	6.1	1,293
1965	6.3	1,370
1966	6.1	1,379
1967	5.5	1,322
1968	6.0	1,498
1969	5.7	1,528
1970	5.68	1,467

YEAR	DEATH RATE	NUMBER KILLED
1971	5.13	1,415
1972	5.04	1,482
1973	4.71	1,452
1974	3.60	1,046
1975	3.50	1,075
1976	3.70	1,209
1977	3.62	1,211
1978	3.53	1,224
1979	3.36	1,162
1980	3.51	1,191
1981	3.04	1,056
1982	2.59	908
1983	2.52	921
1984	2.58	991
1985	2.41	948
1986	2.74	1,143


DAY OF OCCURRENCE
KNOWN CASES
ALL CRASHES
FATAL CRASHES
13%
22,646
13%
130
14%
23,344
12%
123
14%
23,707
11%
106
14%
23,430
12%
114
19%
31,672
16%
155
16%
26,196
20%
195
10%
17,412
16%
161
MON.
TUES.
WED.
THURS.
FRI.
SAT.
SUN.


HOUR OF OCCURRENCE
KNOWN CASES
ALL CRASHES
FATAL CRASHES
9%
14,632
20%
193
8%
14,020
9%
89
16%
27,306
10%
99
25%
41,300
17%
167
27%
44,016
21%
200
15%
24,581
23%
223
Mid- to 3:59 night
4:00 to 7:59
8:00 to 11:59
Noon to 3:59
4:00 to 7:59
8:00 to 11:59
A.M.
P.M.

KILLED/INJURED - BY AGE GROUP

AGE OF PERSON	KILLED	PERCENT	INJURED	PERCENT
Under 1	0	.00	248	.36
1	4	.35	217	.31
2	11	.96	313	.45
3	3	.26	357	.51
4	5	.44	392	.56
5	7	.61	431	.62
6 - 10	23	2.01	2,160	3.11
11 - 15	38	3.32	3,314	4.77
16 - 20	213	18.64	14,007	20.17
21 - 25	184	16.10	11,534	16.61
26 - 30	146	12.77	8,302	11.95
31 - 35	87	7.61	6,001	8.64
36 - 40	72	6.30	4,670	6.72
41 - 45	51	4.46	3,155	4.54
46 - 50	31	2.71	2,450	3.53
51 - 55	19	1.66	2,119	3.05
56 - 60	39	3.41	1,970	2.84
61 - 65	46	4.02	1,767	2.54
66 - 70	40	3.50	1,442	2.08
71 - 75	45	3.94	1,189	1.71
76 - and Over	69	6.04	1,489	2.14
Not Stated	10	.87	1,918	2.76

AGE OF DRIVERS OF MOTORIZED VEHICLES INVOLVED IN ACCIDENTS

AGE OF DRIVER	NUMBER INVOLVED	SEVERITY		
		FATAL ACCIDENTS	INJURY ACCIDENTS	PROP. DAMAGE ACCIDENTS
15 and Under	729	6	301	422
16	9,924	34	3,082	6,808
17	10,127	55	3,204	6,868
18	9,742	47	3,084	6,611
19	9,528	60	2,985	6,483
20	8,977	49	2,813	6,115
21 - 25	44,579	258	14,039	30,282
26 - 30	35,463	214	10,780	24,469
31 - 35	27,143	150	8,252	18,741
36 - 40	21,506	122	6,454	14,930
41 - 45	15,219	84	4,509	10,626
46 - 50	11,467	64	3,466	7,937
51 - 55	9,964	54	2,977	6,933
56 - 60	9,428	64	2,780	6,584
61 - 65	7,888	48	2,364	5,476
66 - 70	5,973	44	1,737	4,192
71 - 75	4,955	27	1,477	3,451
76 and Over	5,789	57	1,651	4,081
Not Stated	41,169	25	3,176	37,968
TOTAL DRIVERS	289,570	1,462	79,131	208,977

STATEWIDE TRAFFIC CRASHES

ROAD CONDITIONS	FATAL ACCIDENTS	PERCENT	ALL ACCIDENTS	PERCENT
Dry	815	82.8	127,952	75.8
Wet	151	15.4	35,411	21.0
Snow	3	0.3	1,817	1.1
Ice	6	0.6	1,833	1.1
Mud	0	0.0	136	0.1
Not Stated	9	0.9	1,573	0.9
Total	984	100.0	168,722	100.0

WEATHER CONDITIONS	FATAL ACCIDENTS	PERCENT	ALL ACCIDENTS	PERCENT
Clear	600	61.0	88,444	52.4
Cloudy	290	29.5	43,617	25.9
Rain	63	6.4	18,708	11.1
Snow	4	0.4	1,478	0.9
Sleet	1	0.1	169	0.1
Freezing Rain	1	0.1	526	0.3
Fog or Mist	17	1.7	2,792	1.6
Not Stated	8	0.8	12,988	7.7
Total	984	100.0	168,722	100.0

LIGHT CONDITIONS	FATAL ACCIDENTS	PERCENT	ALL ACCIDENTS	PERCENT
Daylight	443	45.0	112,411	66.6
Dark W/Street Lights On	133	13.5	33,592	19.9
Dark W/Street Lights Off	3	0.3	1,620	1.0
Dark - No Street Lights	398	40.5	19,337	11.5
Not Stated	7	0.7	1,762	1.0
Total	984	100.0	168,722	100.0

MISCELLANEOUS INFORMATION		
IN KNOWN CASES	ACCIDENTS	
	FATAL	ALL
Drivers with physical impairment	2.23%	0.97%
Defective vehicles involved	1.60%	3.89%
Occurred on roadway	57.01%	82.52%
Occurred off roadway	42.99%	17.48%
Occurred at intersection	11.28%	21.88%
One vehicle accidents	55.08%	23.03%
Speed a contributing circumstance	43.34%	17.89%
Driver left the scene	1.32%	10.83%
Hazardous material involved	0.41%	0.12%
Hazardous material released/spilled	0.20%	0.01%

MOTOR VEHICLE TRAFFIC ACCIDENTS

BY CLASS OF TRAFFICWAY - STATEWIDE

CLASSIFICATION OF TRAFFICWAY	ACCIDENT SEVERITY				PERSONAL SEVERITY		
	FATAL	NON-FATAL INJURY	PROP. DAMAGE	TOTAL	KILLED	INJURED	TOTAL
INTERSTATE	116	4,195	9,918	14,229	133	6,482	6,615
U. S. NUMBERED	193	5,977	14,036	20,206	236	9,599	9,835
STATE NUMBERED	250	7,545	16,803	24,598	289	12,041	12,330
STATE LETTERED	158	4,022	7,004	11,184	183	6,191	6,374
ALT/BYPASS	4	71	155	230	5	130	135
BUS. RT., LOOP, SPUR	7	574	1,591	2,172	10	881	891
OUTER ROAD	8	425	1,052	1,485	8	640	648
COUNTY ROAD	89	3,380	6,219	9,688	97	5,193	5,290
CITY STREET	150	19,082	63,329	82,561	173	27,565	27,738
ALL OTHERS	9	503	1,857	2,369	9	723	732
TOTALS	984	45,774	121,964	168,722	1,143	69,445	70,588

DRIVERS KILLED ..... 687 **PASSENGERS KILLED 332**
PEDESTRIANS KILLED ..... 115 **PEDALCYCLISTS KILLED 9**

PEDESTRIAN INFORMATION

PEDESTRIAN ACTION	RURAL		URBAN		TOTAL	
	KILLED	INJURED	KILLED	INJURED	KILLED	INJURED
AT INTERSECTION.....						
WITH SIGNAL	0	9	0	161	0	170
AGAINST SIGNAL	0	3	1	90	1	93
NO SIGNAL	7	42	4	290	11	332
DIAGONALLY	0	2	1	54	1	56
NOT AT INTERSECTION						
BEHIND PARKED CAR	1	38	0	311	1	349
WALKING WITH TRAFFIC	4	36	5	53	9	89
WALKING AGAINST TRAFFIC	8	19	3	83	11	102
GETTING ON/OFF VEHICLE	1	12	2	43	3	55
STANDING IN ROADWAY	9	54	9	147	18	201
PUSHING/WORKING ON VEH. IN ROAD	2	23	1	36	3	59
OTHER WORKING	0	9	0	18	0	27
PLAYING IN ROADWAY	1	23	3	81	4	104
OTHER IN ROADWAY	20	60	21	282	41	342
OFF ROADWAY	4	33	1	77	5	110
CROSSWALK MARKED	0	5	1	26	1	31
NOT STATED	2	17	4	171	6	188
TOTALS	59	385	56	1,923	115	2,308

PEDESTRIANS BY AGE

FATALITIES				
AGE OF FATALITY	**MALE**	**FEMALE**	**TOTAL**	**%**
5 and Under	7	3	10	8.7
6 - 10	3	1	4	3.5
11 - 15	3	0	3	2.6
16 - 20	6	6	12	10.4
21 - 25	9	4	13	11.3
26 - 30	12	4	16	13.9
31 - 35	4	2	6	5.2
36 - 40	4	3	7	6.1
41 - 45	0	0	0	0.0
46 - 50	4	1	5	4.4
51 - 55	2	2	4	3.5
56 - 60	1	0	1	0.9
61 - 65	4	2	6	5.2
66 - 70	4	0	4	3.5
71 - 75	3	5	8	6.9
76 And Over	9	6	15	13.0
Not Stated	1	0	1	0.9
TOTAL	76	39	115	100.0

INJURIES				
AGE OF CASUALTY	**MALE**	**FEMALE**	**TOTAL**	**%**
5 and Under	149	106	255	11.0
6 - 10	242	133	376	16.3
11 - 15	138	111	250	10.8
16 - 20	142	71	213	9.2
21 - 25	149	91	241	10.4
26 - 30	126	69	195	8.5
31 - 35	82	40	122	5.3
36 - 40	72	33	105	4.6
41 - 45	51	25	76	3.3
46 - 50	33	20	53	2.3
51 - 55	41	24	65	2.8
56 - 60	35	13	48	2.1
61 - 65	23	19	42	1.8
66 - 70	21	22	43	1.9
71 - 75	15	32	47	2.0
76 and Over	33	36	69	3.0
Not Stated	72	28	108	4.7
TOTAL	1,424	873	2,308	100.0

PROBABLE CONTRIBUTING CIRCUMSTANCES

THIS INCLUDES ALL DRIVERS/VEHICLES AND PEDESTRIANS.

PROBABLE CONTRIBUTING CIRCUMSTANCE	ACCIDENT SEVERITY				PERSONAL SEVERITY		
	FATAL	INJURY	PROP DAMAGE	TOTAL	KILLED	INJURED	TOTAL
SPEED/ALL	410	10,166	16,140	26,716	483	16,148	16,631
SPEED - EXCEEDED LIMIT	226	2,645	3,547	6,418	268	4,416	4,684
TOO FAST FOR CONDITIONS	224	7,998	13,235	21,457	261	12,561	12,822
IMPROPER PASSING	35	1,079	3,522	4,636	42	1,745	1,787
VIOLATION SIGNAL OR SIGN	52	3,065	4,847	7,964	60	5,237	5,297
WRONG SIDE - NOT PASSING	215	2,542	3,605	6,362	272	4,766	5,038
FOLLOWING TOO CLOSE	14	3,887	9,852	13,753	17	6,036	6,053
IMPROPER SIGNAL	2	240	847	1,089	2	344	346
IMPROPER BACKING	1	268	5,132	5,401	1	368	369
IMPROPER TURN	13	1,480	6,030	7,523	13	2,308	2,321
WRONG WAY - ONE WAY STREET	12	200	372	584	15	379	394
IMPROPER START - PARKING	1	135	775	911	1	203	204
IMPROPERLY PARKED	5	247	1,130	1,382	5	431	436
VEHICLE DEFECTS	15	1,683	4,138	5,836	15	2,512	2,527
FAILED TO YIELD	121	9,201	23,051	32,373	138	14,734	14,872
DRINKING	243	5,540	6,072	11,855	284	8,846	9,130
DRUGS	10	256	319	585	11	415	426
PHYSICAL IMPAIRMENT	25	683	778	1,486	25	917	942
INATTENTION	364	19,074	47,281	66,719	414	28,573	28,987

DRINKING DRIVERS OF MOTORIZED VEHICLES INVOLVED IN ACCIDENTS

AGE OF DRIVER	HOUR OF OCCURRENCE						
	MID-NIGHT TO 3:59 a.m.	4 a.m. TO 7:59 a.m.	8 a.m. TO 11:59 a.m.	NOON TO 3:59 p.m.	4 p.m. TO 7:59 p.m.	8:00 p.m. TO 11:59 p.m.	UN-KNOWN TIME
15 & YOUNGER	14	0	2	2	10	14	1
16	69	10	5	12	20	99	0
17	127	14	11	16	30	108	2
18	189	33	6	19	43	115	0
19	202	34	4	14	54	155	3
20	225	45	15	26	63	148	3
21 - 25	1,136	223	42	130	417	795	22
26 - 30	790	122	52	136	399	724	23
31 - 35	375	63	52	81	272	505	7
36 - 40	229	19	23	69	208	300	1
41 - 45	129	12	19	66	146	196	3
46 - 50	63	8	11	47	1[illegible]	136	0
51 - 55	35	13	17	41	104	99	1
56 - 60	34	5	12	32	95	70	3
61 - 65	17	3	16	27	73	52	2
66 - 70	9	1	11	21	28	16	0
71 - 75	4	1	5	17	24	16	1
76 and Over	2	0	8	13	11	5	1
Not Stated	237	48	30	82	144	245	36
Total	3,886	654	341	851	2,244	3,798	109

NOTE: On July 1, 1984, a new Missouri Uniform Traffic Accident Report Form was implemented Statewide. On the previous form a section was provided to list drinking information concerning drivers and pedestrians involved in an accident. This section was deleted on the new form. Drinking driver information is now captured in the probable contributing circumstances section only. This information will now be indicated on the form only if the investigating officer determines it to be a probable contributing circumstance. Because of these reporting differences, drinking driver statistics shown will not be consistent with those of past years. It may appear that a drastic reduction in drinking driver involvement has occurred when, in fact, there were no significant changes in this area.

DRINKING DRIVERS AND ACCIDENTS - Whether or not a driver has been drinking cannot always be determined at the scene of an accident. It is generally impossible to determine the drivers who have had one or a few drinks; yet, these drivers may be as much of a hazard as the obvious drunk. Because of the time lapse from the moment of occurrence until an officer arrives at the scene to make the investigation, a driver's condition concerning drinking can change a great deal. In cases where the driver may have been removed to a hospital, doctor's office or funeral home, his condition may never be determined.

ALL TRAFFIC CRASHES:

Involving Drinking Drivers 11,855
Involving Not Drinking 136,428
Information Not Known 20,439

Persons Killed In Alcohol Related Accidents 284
Persons Injured In Alcohol Related Accidents 8,846

IN KNOWN CASES:

7.9 out of every 100 traffic crashes in the State involved drinking.

In rural accidents, 10.7 out of every 100 traffic accidents involved drinking.

FATAL TRAFFIC CRASHES:

Involving Drinking 243
Involving Not Drinking 680
Information Not Known 61

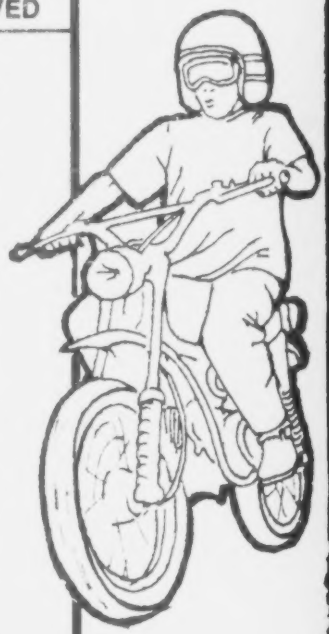
IN KNOWN CASES:

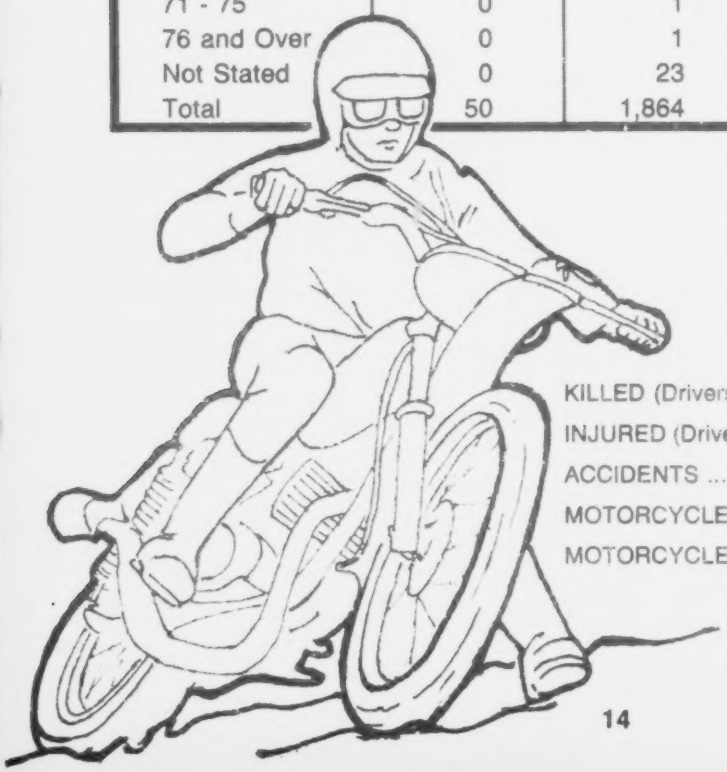
26.3 out of every 100 fatal accidents involved drinking.

MOTORCYCLE STATISTICS

MOTORCYCLE OPERATORS

AGE OF OPERATOR	KNOWN SEVERITY		NUMBER INVOLVED
	FATALITIES	INJURIES	
15 and Younger	1	75	89
16	1	54	75
17	2	66	94
18	1	105	132
19	4	102	121
20	5	101	139
21 - 25	13	492	620
26 - 30	11	321	421
31 - 35	7	223	271
36 - 40	2	129	161
41 - 45	1	75	92
46 - 50	1	36	54
51 - 55	0	20	29
56 - 60	1	18	25
61 - 65	0	14	18
66 - 70	0	8	10
71 - 75	0	1	1
76 and Over	0	1	1
Not Stated	0	23	159
Total	50	1,864	2,512





STATE TOTALS

KILLED (Drivers & Passengers) **60**

INJURED (Drivers & Passengers) **2,194**

ACCIDENTS **2,525**

MOTORCYCLES REGISTERED **98,766**

MOTORCYCLE LICENSED OPERATORS **249,865**

THIS INCLUDES 3 WHEEL AND 4 WHEEL BUT NOT MOPEDS OR ALL-TERRAIN VEHICLES (ATVs).

SAFETY DEVICE USAGE

SAFETY DEVICES	DRIVERS				PASSENGERS			
	KILLED	PERCENT	INJURED	PERCENT	KILLED	PERCENT	INJURED	PERCENT
NO SEAT BELTS	30	4.3	2,587	5.8	17	5.1	1,513	6.6
SEAT BELTS NOT USED	448	64.4	20,660	46.5	236	71.1	12,722	56.0
SEAT BELTS USED	60	8.6	14,485	32.6	30	9.0	5,628	24.8
CHILD RESTRAINT USED	0	0.0	0	0.0	4	1.2	355	1.5
SEAT BELT USE UNK.	109	15.7	5,266	11.8	36	10.9	2,232	9.8
SEAT BELT FAILURE	0	0.0	13	0.1	0	0.0	12	0.1
HELMET USED	37	5.3	1,197	2.7	5	1.5	220	1.0
HELMET NOT USED	12	1.7	200	0.5	4	1.2	47	0.2
TOTAL	696	100.0	44,408	100.0	332	100.0	22,729	100.0

VEHICLE BODY TYPE ANALYSIS

VEHICLE BODY TYPE	VEHICLE TYPES INVOLVED			PERSONS IN EACH VEHICLE TYPE	
	ACCIDENT SEVERITY			DRIVERS/PASS.	
	FATAL	INJURY	PROP. DAMAGE	KILLED	INJURED
PASSENGER CAR - HARDTOP	669	37,800	103,635	651	47,472
PASSENGER CAR - CONVERTIBLE	20	645	1,490	21	653
STATION WAGON	58	3,574	8,931	46	3,109
VAN	43	2,435	7,715	26	1,856
BUS	5	384	1,074	0	486
SCHOOL BUS	2	202	811	0	261
MOTORCYCLE	59	1,924	542	60	2,194
MOPED	0	34	16	0	36
BICYCLE	9	1,185	178	9	1,204
MOTORHOME/CAMPER	3	50	258	1	37
FARM IMPLEMENTS	4	60	165	3	27
CONSTRUCTION EQUIPMENT	1	35	161	1	10
OTHER TRANSPORT DEVICES	17	163	388	1	86
UNKNOWN	4	461	6,559	0	171
SINGLE UNIT TRUCKS	298	11,078	33,449	183	8,712
TWO UNIT TRUCKS	106	1,682	5,722	24	787
MULTI-UNIT TRUCKS	7	65	222	2	29
ALL-TERRAIN VEHICLE	0	5	1	0	7

URBAN TRAFFIC FATALITIES

CITY	1983	1984	1985	1986	CITY	1983	1984	1985	1986
Arnold	3	5	3	2	Lebanon	1	0	0	5
Aurora	0	0	1	2	Lee's Summit	4	4	1	3
Ballwin	1	0	0	0	Lexington	1	0	2	0
Bellefont. Nbrs.	2	0	2	1	Liberty	4	1	5	2
Belton	0	1	2	0	Macon	0	0	1	0
Berkeley	5	2	5	8	Malden	0	0	1	0
Blue Springs	0	5	5	0	Manchester	1	0	1	1
Black Jack	0	0	1	0	Maplewood	0	1	0	0
Boonville	1	0	0	0	Marshall	1	0	1	1
Brentwood	1	0	0	1	Maryland Hgts.	0	0	1	3
Bridgeton	6	2	2	7	Maryville	2	0	1	1
Brookfield	0	1	0	0	Mexico	0	0	1	0
Cape Girardeau	3	4	2	1	Moberly	2	2	3	2
Carthage	0	0	2	1	Monett	0	0	0	1
Caruthersville	0	1	0	0	Neosho	1	2	0	1
Charleston	0	1	0	0	Nevada	0	3	0	3
Chillicothe	0	1	0	0	Normandy	0	1	0	0
Clayton	0	0	0	1	O'Fallon	1	2	1	3
Clinton	0	1	0	1	Overland	1	2	0	0
Columbia	4	5	9	6	Perryville	2	1	0	1
Creve Coeur	3	1	3	3	Pine Lawn	0	0	0	1
Dellwood	1	1	0	0	Poplar Bluff	3	4	3	0
DeSoto	0	3	0	0	Raytown	1	3	3	2
Des Peres	2	0	1	2	Richmond	0	1	1	0
Dexter	4	1	1	5	Richmond Hgts.	0	2	1	0
Ellisville	1	0	0	0	Rock Hill	0	0	1	1
Excelsior Springs	1	1	1	1	Rolla	1	0	3	2
Farmington	0	0	1	1	Saint Ann	1	1	1	2
Ferguson	0	2	1	1	Saint Charles	5	1	10	10
Festus	0	1	0	1	Saint John	1	0	0	0
Florissant	1	6	1	1	Saint Joseph	2	6	6	4
Fulton	1	0	0	0	Saint Louis	45	49	55	54
Gladstone	0	1	0	0	Saint Peters	3	4	1	2
Glendale	0	0	0	1	Sedalia	2	0	1	1
Grandview	1	3	2	3	Shrewsbury	2	0	0	0
Hannibal	1	1	1	2	Sikeston	2	2	0	1
Harrisonville	1	1	0	2	Springfield	19	26	11	16
Hazelwood	1	3	3	2	Sullivan	0	4	0	1
Independence	9	14	12	12	Town & Country	0	0	1	2
Jackson	0	0	1	0	Trenton	0	0	0	1
Jefferson City	5	1	1	3	Union	0	1	0	0
Jennings	1	1	2	0	University City	1	3	1	1
Joplin	7	7	5	7	Warrensburg	0	1	0	1
Kansas City	77	81	88	92	Washington	2	0	0	0
Kennett	1	0	2	0	Webster Groves	0	2	1	2
Kirksville	0	3	1	1	Webb City	0	0	1	0
Kirkwood	1	1	1	0	West Plains	1	1	0	1
Ladue	1	2	1	0	TOTALS	258	294	283	303

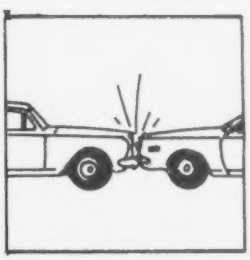
URBAN AND RURAL COMPARISON

URBAN ACCIDENTS IN MISSOURI					
TYPE OF ACCIDENT	FATAL	INJURY	PROP DAMAGE	TOTAL	%
OVERTURNING	14	597	354	965	0.8
OTHER NON-COLLISION	3	236	430	669	0.6
PEDESTRIAN	53	1,698	19	1,770	1.5
MOTOR VEHICLE IN TRANSPORT	115	19,930	63,405	83,450	71.3
MOTOR VEHICLE ON OTHER ROADWAY	1	107	327	435	0.4
PARKED MOTOR VEHICLE	5	1,242	13,382	14,629	12.5
RAILWAY TRAIN	5	32	35	72	0.0
PEDALCYCLIST	6	912	153	1,071	1.0
ANIMAL	0	32	568	600	0.5
FIXED OBJECT	72	3,865	8,957	12,894	11.0
OTHER OBJECT	1	54	454	509	0.4
TOTAL	275	28,705	88,084	117,064	100.0
PERCENTAGE	0.2	24.5	75.3	100.0	

RURAL ACCIDENTS IN MISSOURI					
TYPE OF ACCIDENT	FATAL	INJURY	PROP DAMAGE	TOTAL	%
OVERTURNING	84	1,684	1,351	3,119	6.0
OTHER NON-COLLISION	6	175	631	812	1.6
PEDESTRIAN	48	308	2	358	0.7
MOTOR VEHICLE IN TRANSPORT	266	8,214	18,380	26,860	52.0
MOTOR VEHICLE ON OTHER ROADWAY	5	44	85	134	0.3
PARKED MOTOR VEHICLE	6	342	2,661	3,009	5.8
RAILWAY TRAIN	11	30	39	80	0.1
PEDALCYCLIST	3	264	25	292	0.6
ANIMAL	3	172	3,137	3,312	6.4
FIXED OBJECT	276	5,778	7,287	13,341	25.8
OTHER OBJECT	1	58	282	341	0.7
TOTAL	709	17,069	33,880	51,658	100.0
PERCENTAGE	1.4	33.0	65.6	100.0	

MISSOURI ACCIDENTS

TOTAL ACCIDENTS 168,722
TOTAL FATAL ACCIDENTS 984
TOTAL PERSONS KILLED 1,143
* THE TYPE OF ACCIDENT IS DETERMINED BY THE FIRST HARMFUL EVENT



COLLISION WITH: MOTOR VEHICLE IN TRANSPORT

110,310 accidents 65.4%
467 fatalities

COLLISION WITH: FIXED OBJECT

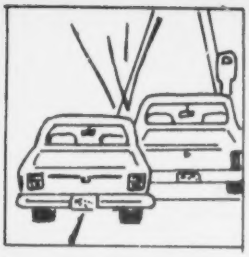
26,235 accidents 15.6%
405 fatalities

NON-COLLISION OVERTURNING

4,084 accidents 2.4%
103 fatalities

COLLISION WITH: ANIMAL

3,912 accidents 2.3%
3 fatalities

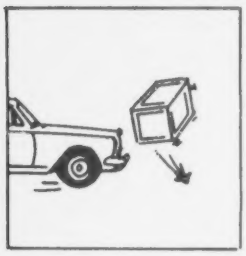


COLLISION WITH: MOTOR VEHICLE PARKED

17,638 accidents 10.4%
11 fatalities

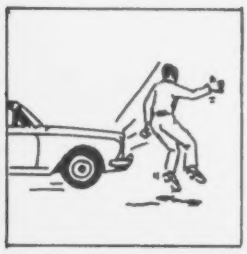
OTHER NON-COLLISION

1,481 accidents 0.9%
9 fatalities



COLLISION WITH: OTHER OBJECT

850 accidents 0.5%
2 fatalities

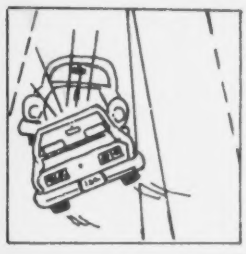


COLLISION WITH: PEDESTRIAN

2,128 accidents 1.3%
102 fatalities

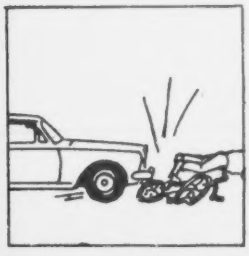
COLLISION WITH: RAILROAD TRAIN

152 accidents 0.1%
22 fatalities



COLLISION WITH: MOTOR VEHICLE ON OTHER ROADWAY

569 accidents 0.3%
10 fatalities



COLLISION WITH: BICYCLE (PEDAL VEHICLES)

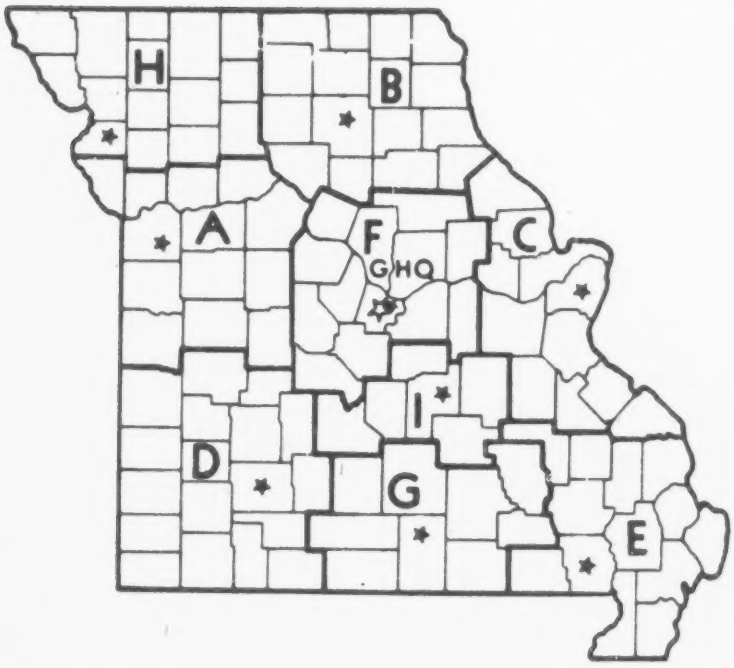
1,363 accidents 0.8%
9 fatalities

MISSOURI
HOLIDAY FATALITIES

HOLIDAY	YEAR	KILLED	PERIOD
Memorial Day	1985	13	From 6:00 p.m., Friday, May 24 to midnight, Monday, May 27.
Memorial Day	1986	18	From 6:00 p.m., Friday, May 23, to midnight, Monday, May 26.
4th of July	1985	18	From 6:00 p.m., Wednesday, July 3, to midnight, Sunday, July 7.
4th of July	1986	16	From 6:00 p.m., Thursday, July 3, to midnight, Sunday, July 6.
Labor Day	1985	13	From 6:00 p.m., Friday, August 30, to midnight, Monday, September 2.
Labor Day	1986	17	From 6:00 p.m., Friday, August 29, to midnight, Sunday, September 1.
Thanksgiving	1985	16	From 6:00 p.m., Wednesday, November 27, to midnight, Sunday, December 1.
Thanksgiving	1986	12	From 6:00 p.m., Wednesday, November 26, to midnight, Sunday, November 30.
Christmas	1985	4	From 6:00 p.m., Monday, December 23, to midnight, Wednesday, December 25.
Christmas	1986	6	From 6:00 p.m., Wednesday, December 24, to midnight, Sunday, December 28.
New Year	1985	6	From 6:00 p.m., Monday, December 30, to midnight, Wednesday, January 1, 1986.
New Year	1986	19	From 6:00 p.m., Wednesday, December 31, to midnight, Sunday, January 4, 1987.

MISSOURI HIGHWAY PATROL

TROOP AREA MAP



TROOP	HEADQUARTERS	AREA CODE	TELEPHONE NO.
GHQ	Jefferson City	(314)	751-3313
A	Lee's Summit	(816)	524-1407
B	Macon	(816)	385-2132
C	Kirkwood	(314)	434-5500
* C	Flat River	(314)	431-0166
D	Springfield	(417)	869-1525
*D	Carthage	(417)	358-4686
E	Poplar Bluff	(314)	785-5757
*E	Sikeston	(314)	471-4500
F	Jefferson City	(314)	636-5171
G	Willow Springs	(417)	469-3121
H	St. Josephh	(816)	233-0291
I	Rolla	(314)	364-1215

*Satellites